

**Appendix E**  
**Flood Audit List and Flood Hazard Loss Estimation**  
**Tables**

**Flood Audit  
Repetitive Loss Properties  
Lake County, Illinois**

Community Name	City	Township	Construction Year	Floor Area	Market Value	Base Flood	First Floor Elevation	Base Flood Depth	TYPE	FOUNDATION	STORY	Walls
Lake County	Spring Grove	Grant	1945	536	\$62,323	741.6	737.9	3.7	Single Family	Slab	1story w/o Basement	Framed
Lake County	Spring Grove	Grant	1958	1344	\$153,382	741.6	743.1	-1.5	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Spring Grove	Grant	1962	1600	\$176,150	741.6	736.3	5.3	Single Family	Trilevel	1 story w/ basement	Framed & Brick-faced
Lake County	Spring Grove	Grant	1956	1342	\$159,363	741.6	740.6	1.0	Single Family	Crawlspace	1 story w/o basement	Masonry
Lake County	Antioch	Antioch	1960	1056	\$102,416	741.7	741.2	0.5	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Antioch	Antioch	1950	1294	\$114,646	741.7	742.4	-0.7	Single Family	Crawlspace	2 story w/o basement	Framed
Lake County	Antioch	Antioch	1960	1100	\$156,019	741.7	740.2	1.5	Single Family	Slab	2 story w/o basement	Framed
Lake County	Antioch	Antioch	1960	858	\$88,182	741.7	742.3	-0.6	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Antioch	Antioch	1957	1152	\$105,568	741.7	735.6	6.1	Single Family	Basement	1 story w/ basement	Framed
Lake County	Antioch	Antioch	1975	1914	\$183,552	741.9	741.2	0.7	Single Family	Crawlspace	2 story w/o basement	Masonry
Lake County	Antioch	Antioch	1960	986	\$101,200	741.9	740.8	1.1	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Antioch	Antioch	1977	11294	\$617,853	741.9	736.0	5.9	Single Family	Basement	2 story w/ basement	Masonry
Lake County	Antioch	Antioch	1971	1895	\$173,568	741.9	736.5	5.4	Single Family	Trilevel	1 story w/ basement	Framed
Lake County	Antioch	Antioch	1960	986	\$229,392	741.8	740.1	1.7	Single Family	Crawlspace	1 story w/o basement	Masonry
Lake County	Antioch	Antioch	1958	1687	\$226,547	741.8	741.9	-0.1	Single Family	Crawlspace	1 story w/o basement	Brick-faced
Lake County	Antioch	Antioch	1960	1537	\$167,776	741.9	740.1	1.8	Single Family	Slab	2 story w/o basement	Framed
Lake County	Antioch	Antioch	1960	2252	\$109,149	742.0	742.3	-0.3	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Antioch	Antioch	1944	835	\$87,261	742.0	742.1	-0.1	Single Family	Crawlspace	2 story w/o basement	Framed
Lake County	Antioch	Antioch	1955	550	\$38,726	742.0	742.9	-0.9	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Spring Grove	Antioch	1950	1008	\$90,259	741.6	737.4	4.2	Single Family	Basement	2 story w/ basement	Framed
Lake County	Spring Grove	Antioch	1930	450	\$31,366	741.6	739.5	2.1	Single Family	Slab	1 story w/o basement	Framed
Lake County	Spring Grove	Antioch	1945	625	\$62,214	741.6	743.1	-1.5	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Lake Villa	Lake Villa	1956	1678	\$125,350	X		X	Single Family	Slab	1 story w/o basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1968	1200	\$215,725	741.6	740.4	1.2	Single Family	Crawlspace	2 story w/o basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1945	1492	\$202,461	741.6	738.6	3.0	Single Family	Slab	2 story w/o basement	Masonry
Fox Lake, Village of	Fox Lake	Grant	1956	1960	\$141,962	741.6	739.6	2.0	Single Family	Crawlspace	1 story w/o basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1940	2048	\$243,450	741.6	739.7	1.9	Single Family	Crawlspace	1 story w/o basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1970	2778	\$292,672	741.1	736.2	4.9	Commercial	slab & basement	2 story w/o basement and a sub-grade bar	Framed
Fox Lake, Village of	Fox Lake	Grant	1940	790	\$75,338	X		X	Single Family	Slab	1 story w/o basement	Framed
Round Lake Beach	Round Lake Beach	Avon	1955	1618	\$113,475	747.5	744.1	3.4	Single Family	Crawlspace	1 story w/o basement	Framed
Round Lake Beach	Round Lake Beach	Avon	1995	864	\$128,694	747.5	748.6	-1.1	Single Family	Crawlspace	2 story w/o basement	Framed
Round Lake Beach	Round Lake Beach	Avon	1956	886	\$69,034	747.5	745.2	2.3	Single Family	Crawlspace	1 story w/o basement	Framed
Round Lake Beach	Round Lake Beach	Avon	1973	1232	\$122,278	747.5	741.3	6.2	Single Family	Trilevel	1 story w/ basement	Brick-faced
Round Lake Beach	Round Lake Beach	Avon	1957	828	\$66,835	747.5	745.6	1.9	Single Family	Crawlspace	1 story w/o basement	Framed
Round Lake Beach	Round Lake	Avon	1936	1052	\$96,790	X		X	Single Family	Basement	2 story w/ basement	Stucco
Fox Lake, Village of	Fox Lake	Grant	1950	1568	\$176,035	741.1	740.5	0.6	Single Family	Crawlspace	1 story w/o basement	Masonry
Fox Lake, Village of	Fox Lake	Grant	1953	1711	\$179,261	741.1	739.8	1.3	Single Family	Crawlspace	1 story w/o basement	Masonry
Fox Lake, Village of	Fox Lake	Grant	1952	760	\$78,819	741.1	740.5	0.6	Single Family	Crawlspace	1 story w/o basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1951	2558	\$310,102	741.1	739.4	1.7	Single Family	Crawlspace	1 story w/o basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1938	870	\$81,654	741.1	730.6	10.5	Single Family	Basement	1 story w/ basement	Framed
Fox Lake, Village of	Fox Lake	Grant	1958	1300	\$101,187	741.1	739.2	1.9	Single Family	Crawlspace	1 story w/o basement	Framed
Fox Lake, Village of	Ingleside	Grant	1940	790	\$200,061	741.1	739.9	1.2	Single Family	Crawlspace	1 story w/o basement	Framed
Barrington, Village of	Lake Zurich	Ela	1954	907	\$110,458	X		X	Single Family	Slab	1 story w/o basement	Framed
Barrington, Village of	Barrington	Cuba	1978	2144	\$329,363	X	797.0	X	Single Family	Slab	2 story w/o basement	Masonry
Lake Zurich, Village of	Lake Zurich	Ela	1933	955	\$121,094	844.0	836.1	7.9	Single Family	Basement	1 story w/ basement	Framed

**Flood Audit  
Repetitive Loss Properties  
Lake County, Illinois**

Community Name	City	Township	Construction Year	Floor Area	Market Value	Base Flood	First Floor Elevation	Base Flood Depth	TYPE	FOUNDATION	STORY	Walls
Lindehurst, Village of	Lindehurst	Lake Villa	1969	1135	\$127,891	X		X	Single Family	Slab	2 story w/o basement	masonry on the first level, siding on the second level
Lindehurst, Village of	Lindehurst	Lake Villa	1977	1920	\$90,666	X		X	Single Family	Trilevel	1 story w/ basement	Framed
Lindehurst, Village of	Lindehurst	Lake Villa	1980	1681	\$115,069	X		X	Single Family	Trilevel	1 story w/ basement	Brick-faced
Lake County	Libertyville	Libertyville	1955	1080	\$143,818	659.4	656.2	3.2	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Libertyville	Libertyville	1955	1080	\$98,858	659.4	654.9	4.5	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Libertyville	Libertyville	1955	1080	\$107,466	659.6	654.5	5.1	Single Family	Crawlspace	1 story w/o basement	Framed
Lake County	Libertyville	Libertyville	1962	595	\$223,382	656.8	No survey		Single Family	?	2 story	Stucco
Gurnee, Village of	Gurnee	Warren	1946	1012	\$90,749	668.2	662.1	6.1	Commercial	Slab	1 story w/o basement	Masonry
Lake County	Lincolnshire	Vernon	1967	2958	\$326,480	648.9	644.0	4.9	Single Family	Trilevel	1 story w/ basement	Brick-faced
Lake County	Lincolnshire	Vernon	1963	3698	\$539,427	648.9	649.0	-0.1	Single Family	Trilevel	2 story w/o basement	Brick-faced
Lake County	Lincolnshire	Vernon	1967	1689	\$127,398	648.9	644.9	4.0	Single Family	Slab/crawl	1 story w/o basement	Framed
Lake County	Lincolnshire	Vernon	1961	2857	\$393,581	648.4	644.1	4.3	Single Family	Slab	1 story w/o basement	Masonry
Riverwoods, Village of	Riverwoods	Vernon	1958	1815	\$324,797	X		X	Single Family	Slab	1 story w/o basement	Masonry
Lake Forest City of	Lake Forest	Shields	1962	2696	\$553,501	X		X	Single Family	Basement	2 story w/ basement	Framed
Deerfield Village of	Highland Park	W. Deerfield	1966	1850	\$368,762	641.5	634.0	7.5	Single Family	Trilevel	1 story w/ basement	Masonry
Highland Park, City of	Highland Park	Deerfield	1962	2395	\$324,336	X		X	Single Family	Basement	2 story w/ basement	Masonry
Highland Park, City of	Highland Park	Deerfield	1956 - addition	4454	\$886,656	X		X	Single Family	Trilevel	1 story w/ basement	Framed
Lake Forest City of	Lake Forest	Shields	1956	1629	\$227,072	X		X	Single Family	Basement	1 story w/ basement	Masonry
Lake Forest City of	Lake Forest	W. Deerfield	1965	1956	\$408,810	652.0	643.3	8.7	Single Family	Trilevel	2 story w/o basement	Masonry
Lake County	Lake Bluff	Shields	1958	960	\$157,597	X		X	Single Family	Slab	1 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1948	1886	\$271,283	X		X	Single Family	Slab	1 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1968	2747	\$420,570	X		X	Single Family	Basement	2 story w/ basement	Masonry
Highland Park, City of	Highland Park	Deerfield	1977	3613	\$685,050	X		X	Single Family	Basement	2 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1957	2611	\$382,877	659.3	651.4	7.9	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1957	2257	\$278,986	659.3	651.3	8.0	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1957	2351	\$295,181	659.3	650.9	8.4	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1958	2331	\$291,408	659.3	651.7	7.6	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1958	2811	\$327,290	659.3	651.7	7.6	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1957	2281	\$293,955	659.3	651.1	8.2	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1967	2305	\$376,122	659.3	648.0	11.3	Single Family	Basement	2 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1957	2047	\$264,832	659.3	651.4	7.9	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1958	2521	\$377,984	659.3	651.9	7.4	Single Family	Trilevel	2 story w/o basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1955	1008	\$241,373	657.4	644.6	12.8	Single Family	Basement	2 story w/ basement	Frame
Deerfield Village of	Deerfield	W. Deerfield	1956	1337	\$198,077	657.4	645.3	12.1	Single Family	Basement	1 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1955	1337	\$204,557	657.4	645.8	11.6	Single Family	Basement	1 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1955	1080	\$186,890	657.4	647.2	10.2	Single Family	Basement	1 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1963	1092	\$202,726	656.7	649.4	7.3	Single Family	Slab	2 story w/o basement	Brick-faced
Deerfield Village of	Deerfield	W. Deerfield	1959	1570	\$283,898	X		X	Single Family	Basement	2 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1958	1402	\$257,155	656.8	647.8	9.0	Single Family	Trilevel	1 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1958	2250	\$320,666	656.8	645.1	11.7	Single Family	Basement	2 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1957	1107	\$285,002	656.8	645.2	11.6	Single Family	Basement	2 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1958	1860	\$299,165	656.8	645.2	11.6	Single Family	Basement	2 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1956	1367	\$216,784	655.7	645.5	10.2	Single Family	Basement	1 story w/ basement	Masonry
Deerfield Village of	Deerfield	W. Deerfield	1955	1357	\$224,960	655.7	653.1	2.6	Single Family	Crawlspace	1 story w/o basement	Brick-faced
Deerfield Village of	Deerfield	W. Deerfield	1962	2515	\$286,595	655.7	641.8	13.9	Single Family	Basement	2 story w/ basement	Brick-faced

## Lake County, Illinois

\*\*\* sf for entire 2 story structure. Footprint is one half this.

**Appendix E**  
**Flood Hazard Loss Estimation Tables**

## Appendix E

### Flood Hazard Loss Estimation Tables

**Flood Building Loss Estimation Table**

Flood Depth (feet)	One Story No Basement (% Building Damage)	Two Story No Basement (% Building damage)	One or Two Story With Basement (% Building damage)	Manufactured Home (% Building damage)
-2	0	0	4	0
-1	0	0	8	0
0	9	5	11	8
1	14	9	15	44
2	22	13	20	63
3	27	18	23	73
4	29	20	28	78
5	30	22	33	80
6	40	24	38	81
7	43	26	44	82
8	44	29	49	82
>8	45	33	51	82

Source: FEMA Benefit-Cost Analysis Full Data Module 3/10/99

**Flood Contents Loss Estimation Table**

Flood Depth (feet)	One Story No Basement (% Contents Damage)	Two Story No Basement (% Contents damage)	One or Two Story With Basement (% Contents damage)	Manufactured Home (% Contents damage)
-2	0	0	6	0
-1	0	0	12	0
0	13.5	7.5	16.5	12
1	21	13.5	22.5	66
2	33	19.5	30	90
3	40.5	27	34.5	90
4	43.5	30	42	90
5	45	33	49.5	90
6	60	36	57	90
7	64.5	39	66	90
8	66	43.5	73.5	90
>8	67.5	49.5	76.5	90

Source: FEMA Benefit-Cost Analysis Full Data Module 3/10/99